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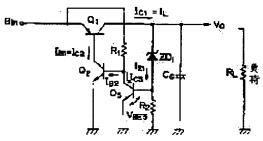
(54) POWER SOURCE STABILIZING CIRCUIT

(57)Abstract:

PURPOSE: To provide a backup power source stabilizing circuit which is low in current consumption. CONSTITUTION: A control current is supplied to the base terminal of a 2nd transistor(TR) Q2 through a resistance means R1. The 2nd TR Q2 generates a driving current corresponding to a control current and a driving part Q1 generates a load current I2 with the driving current and supplies it to a load RL. As the load current IL rises, an output voltage Vo begins to rise and a detecting means ZD1 generates a detection voltage corresponding to the output voltage Vo. A 1st TR Q3 which inputs the detection voltage at its base terminal has transition from the cutoff state to the conduction state once the detection voltage reaches the base terminal-emitter terminal voltage VBE3. Then the 1st TR Q3 is connected to the base terminal of the 2nd TR Q2.

so the current supply by the resistance means R1 is suppressed to suppress the driving current and further

the load current IL. This feedback loop holds the



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